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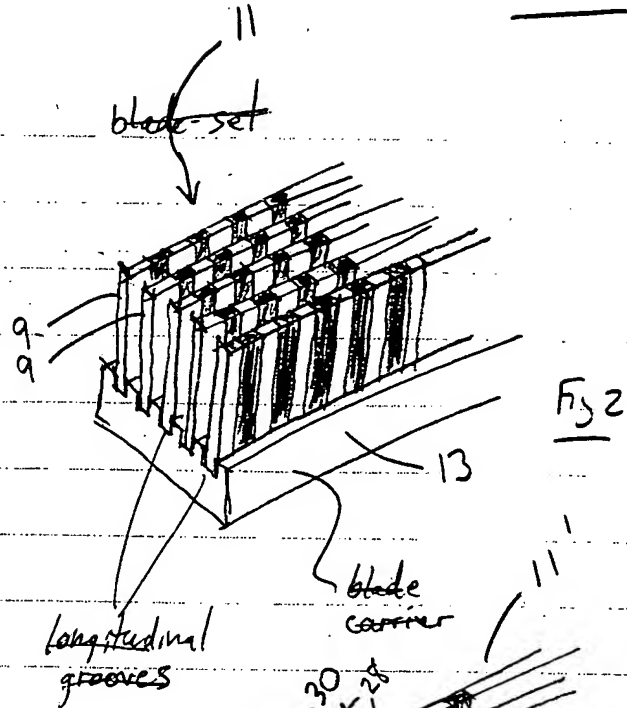
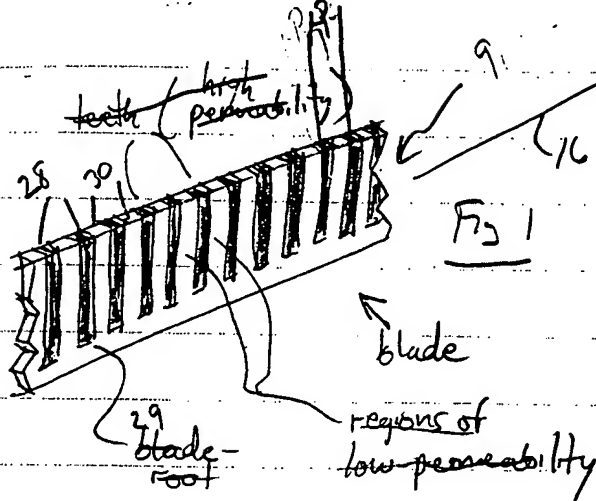
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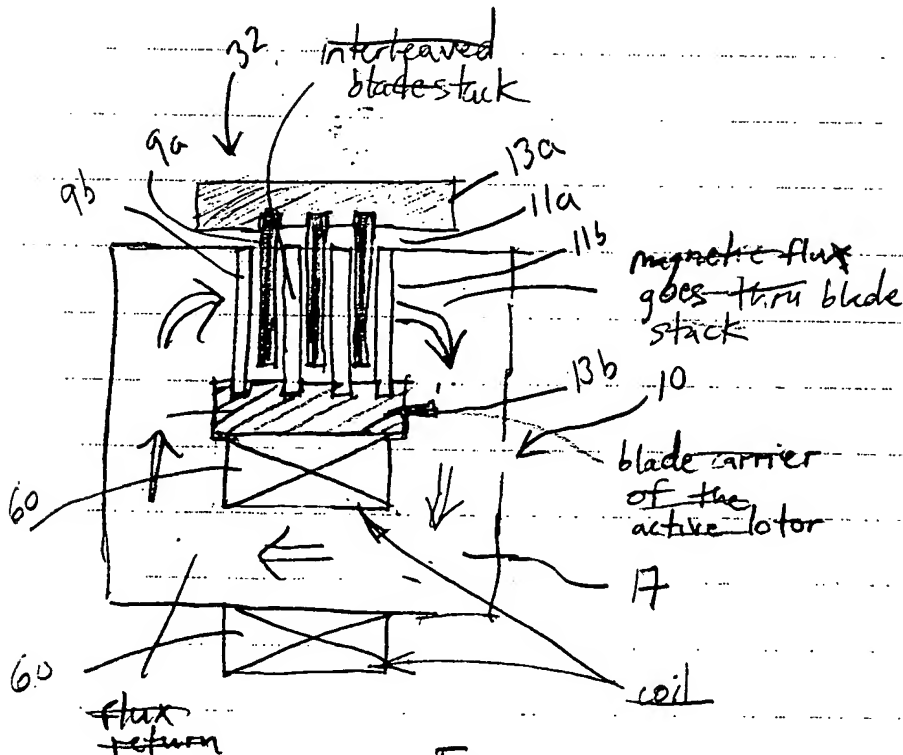
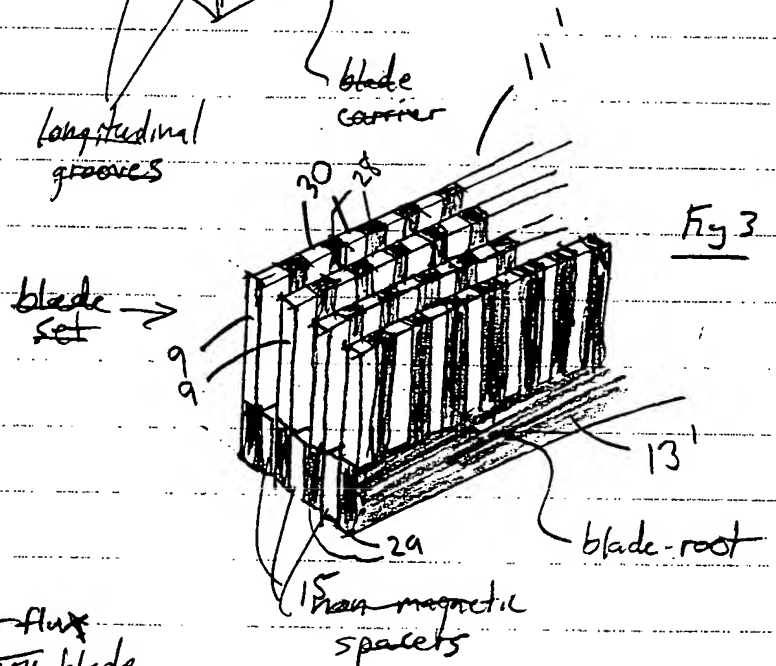
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10F22

Claim 1: Basic Idea

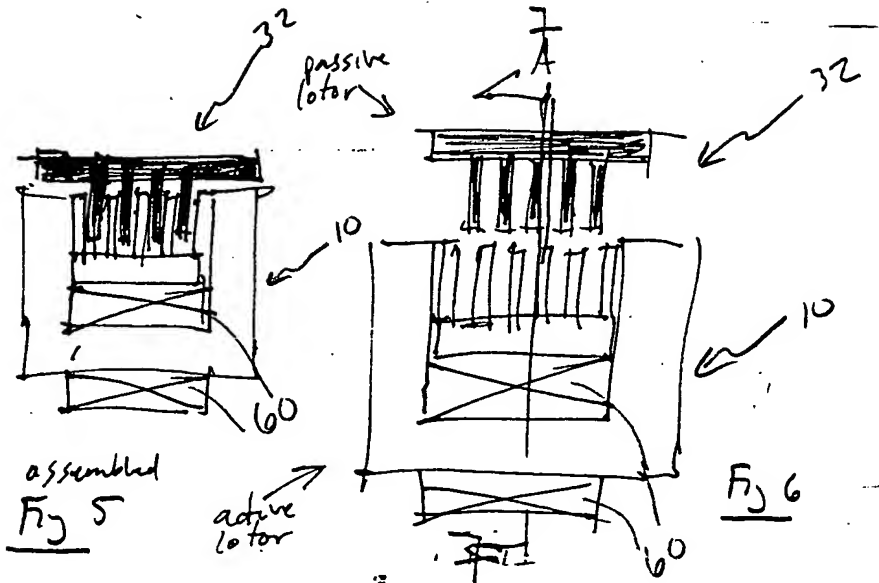


also claim 2:  
 teeth perpendicular  
 to axis of blade



also claim 22:  
 regions of low-  
 permeability are  
 filled with a  
 structural material

20F22



~~Claim 1 - base idea~~  
~~also claim 15~~  
 Phases arranged serially

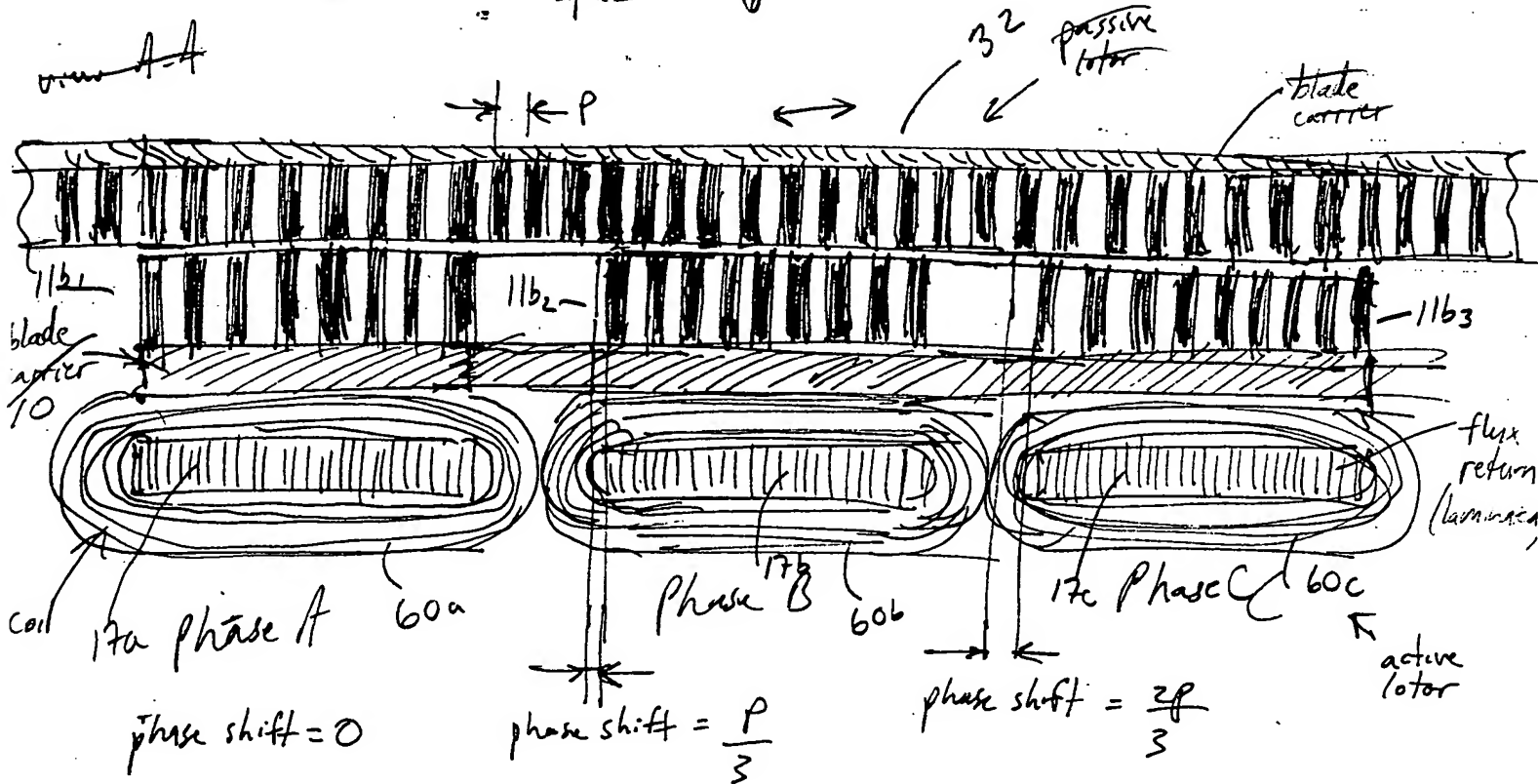
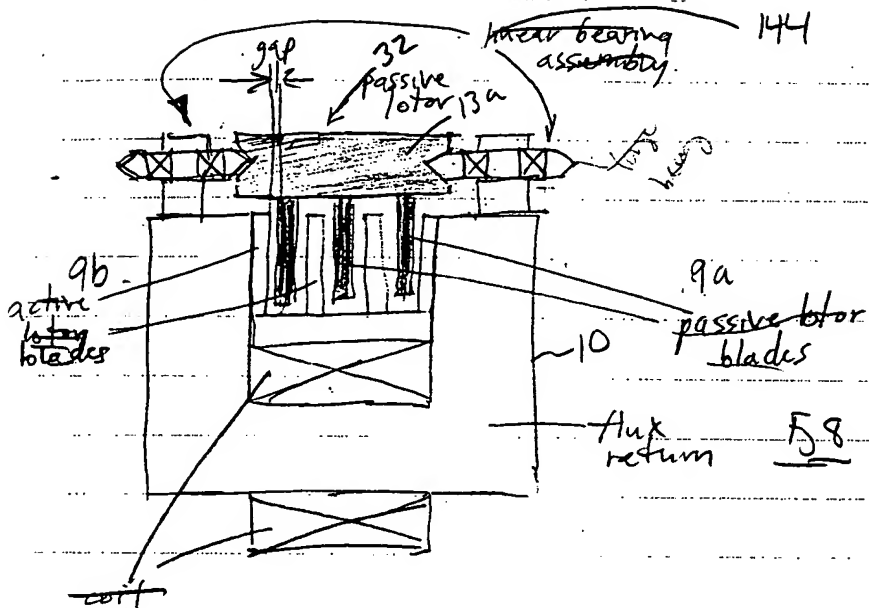
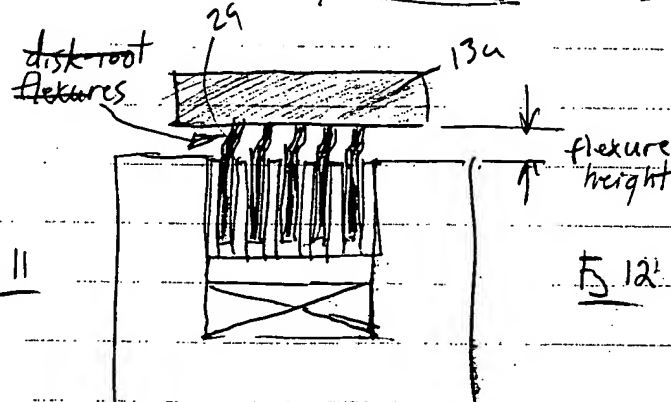
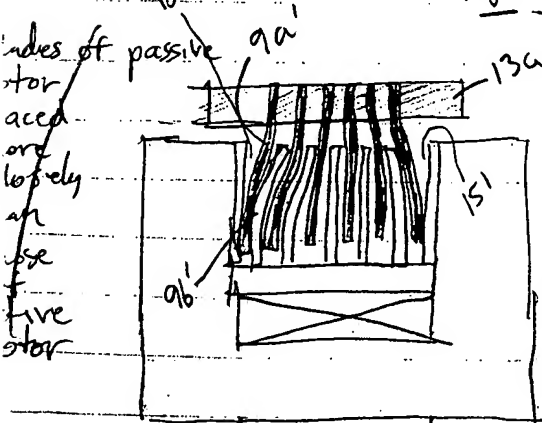
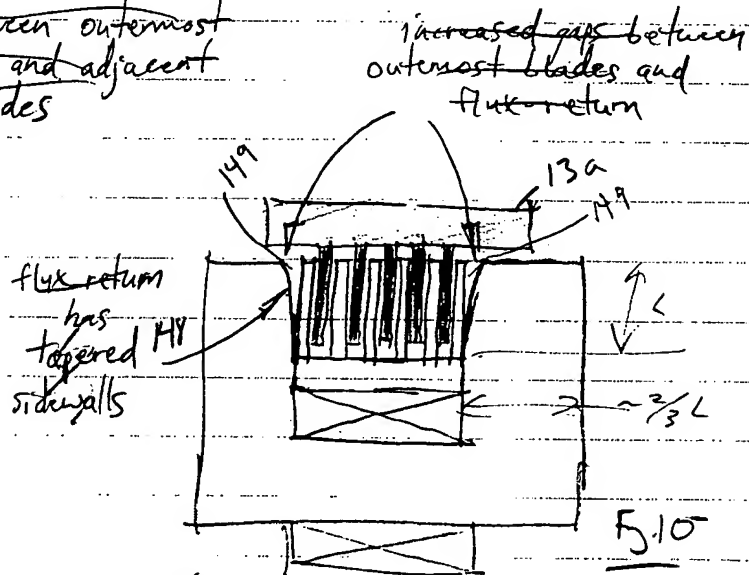
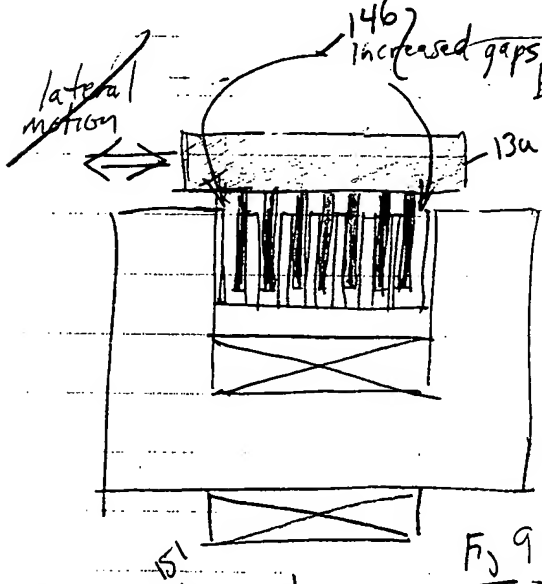


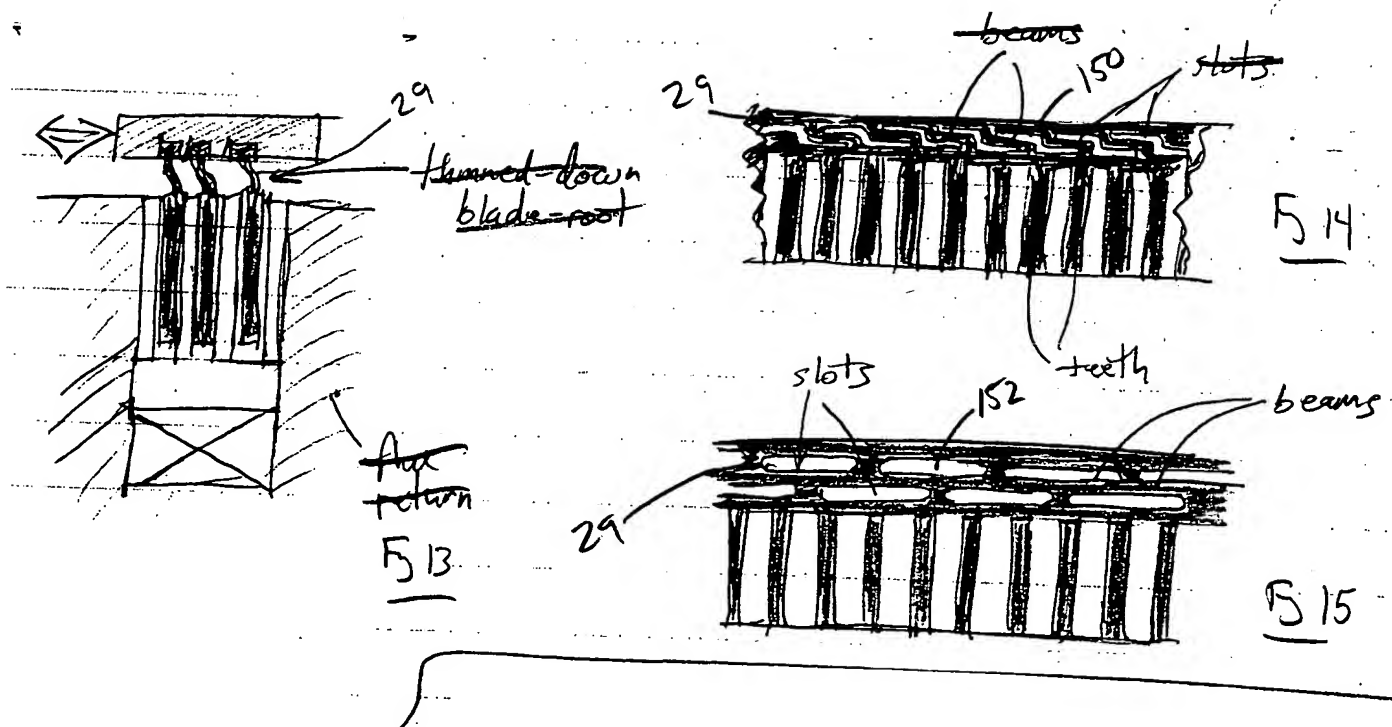
Fig 7

30P22



Claim 4: Thin blades closely spaced with lateral play greater than avg. gap





50K22

29206-103

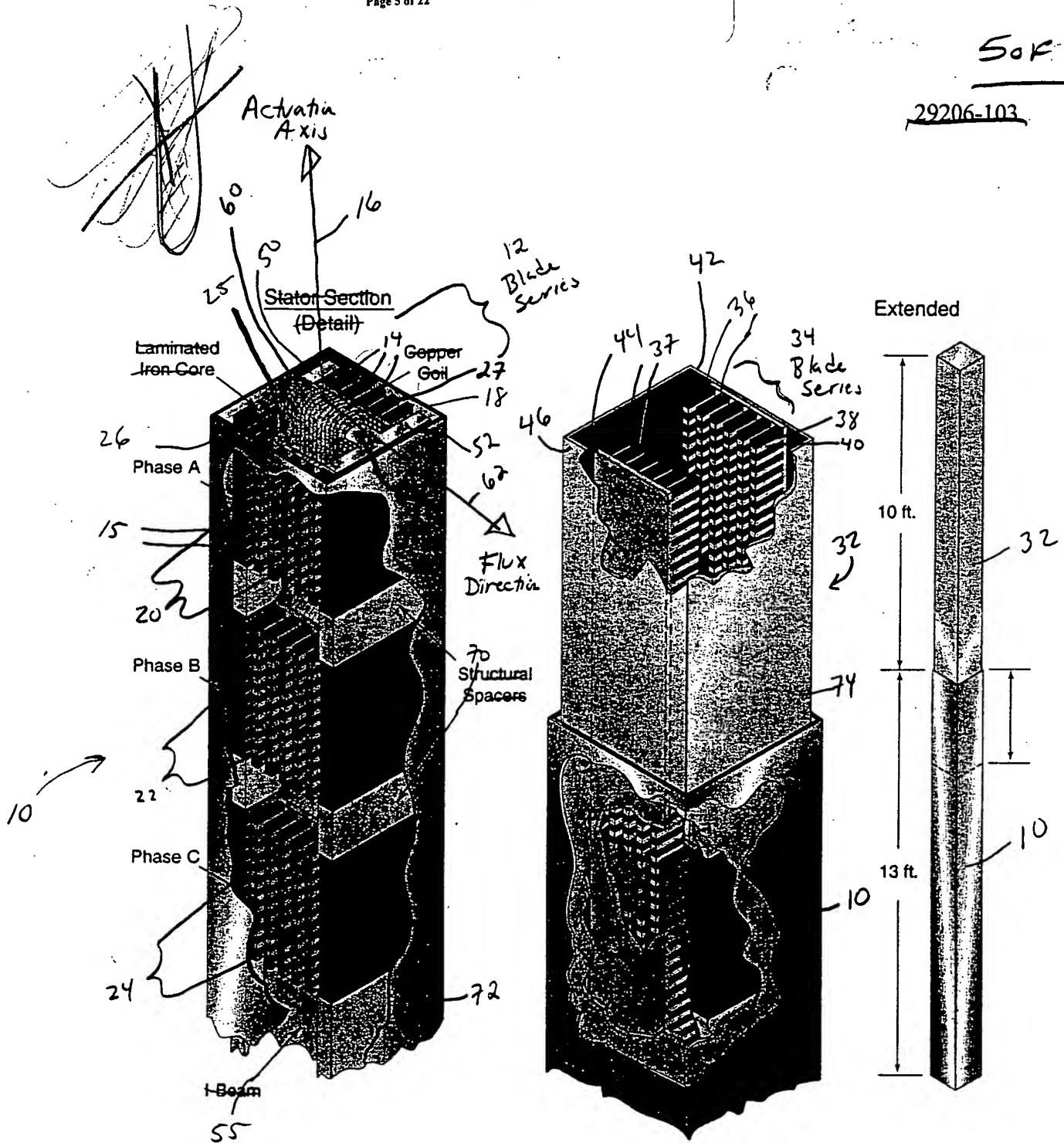


Fig. 5: Linear Actuator Using Square Telescoping Tubes

Fig 16

Fig 17

Fig 18

60F22

29206-103

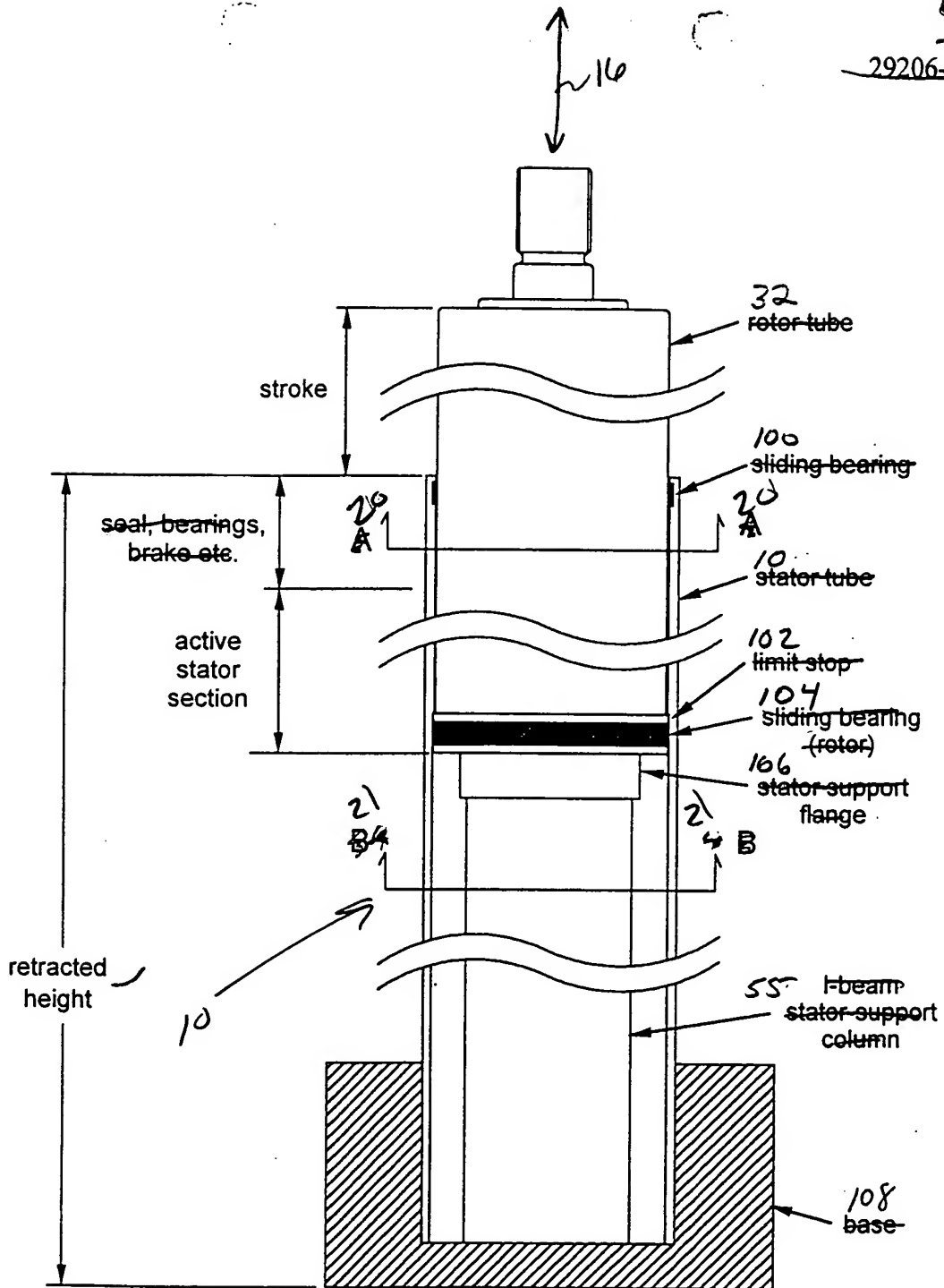


Fig. 1: Linear Motor Side View

Fig 19





80F22

~~29206-103~~

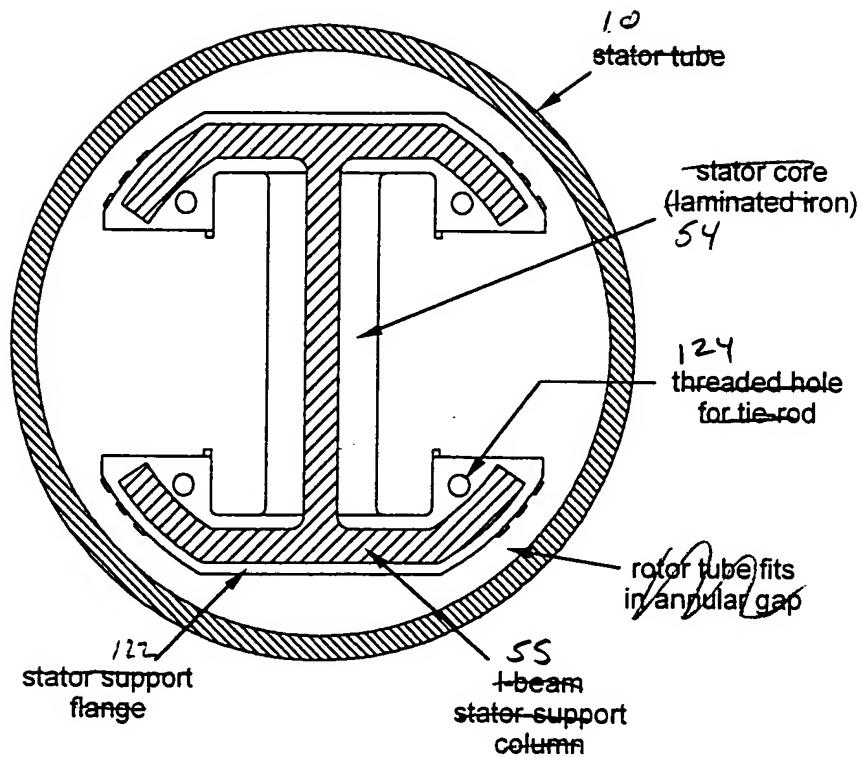


Fig. 3: I-Beam Stator Support Column (Section B-B)

Fig 21

90F22

29206-103

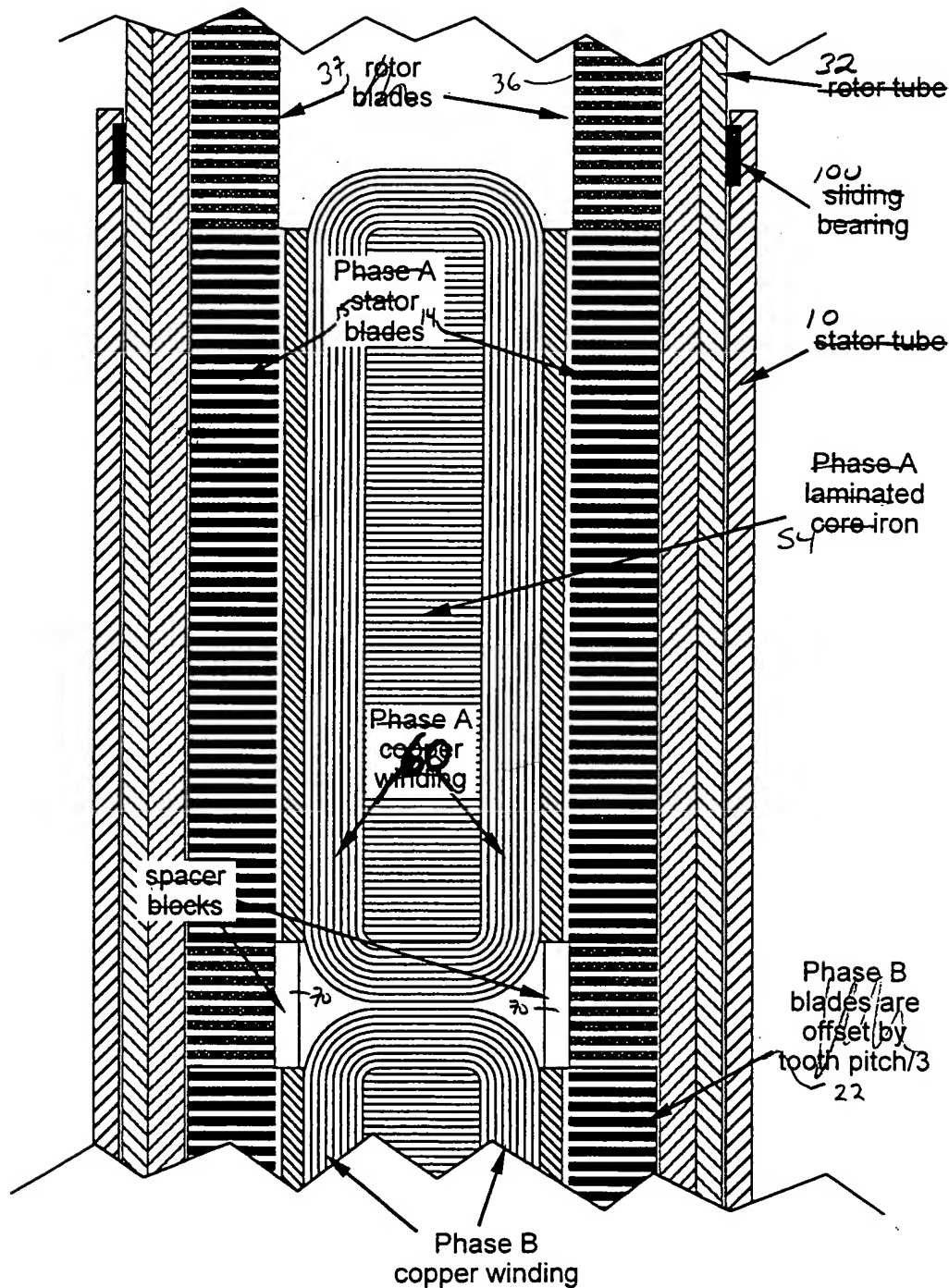


Fig. 4. Cut-away Side View (Section C-C)

522

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29206-103

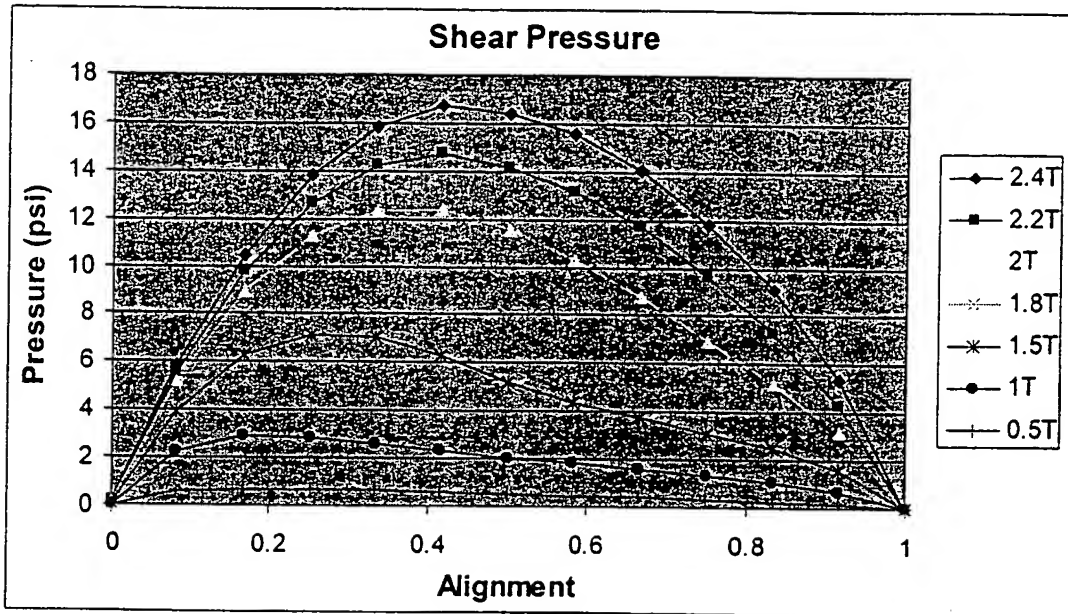


Fig. 6: Shear Pressure vs. Tooth Alignment at Various Flux-Densities

Fig. 23

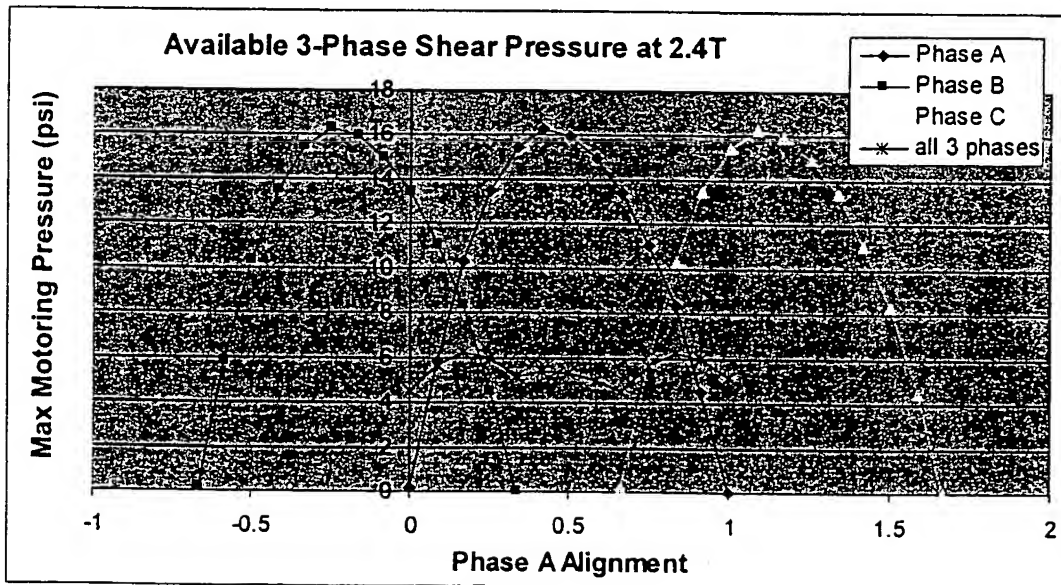


Fig. 7: Available 3-Phase Shear Pressure

Fig. 24

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29206-103

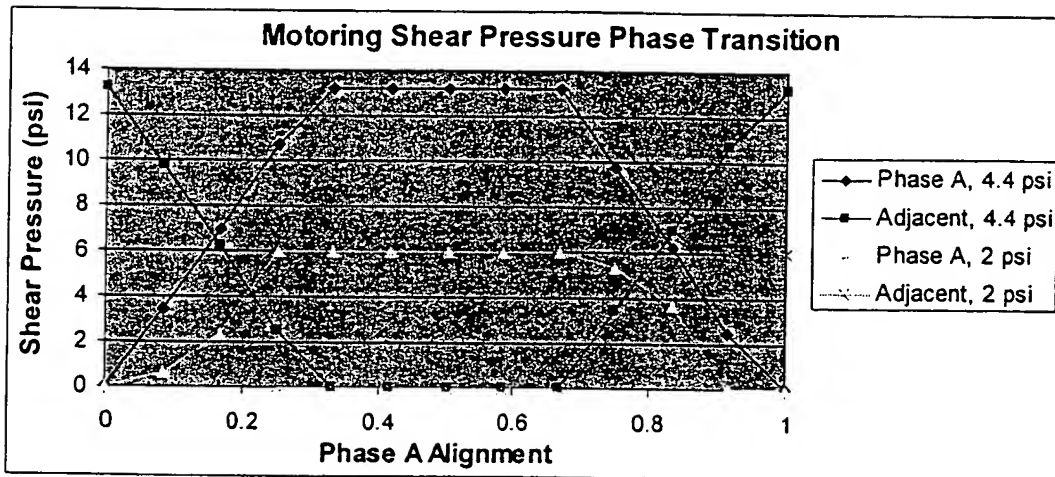


Fig. 8: 3-Phase Shear Pressure Transition For Minimum Resistive Dissipation

Fig 25

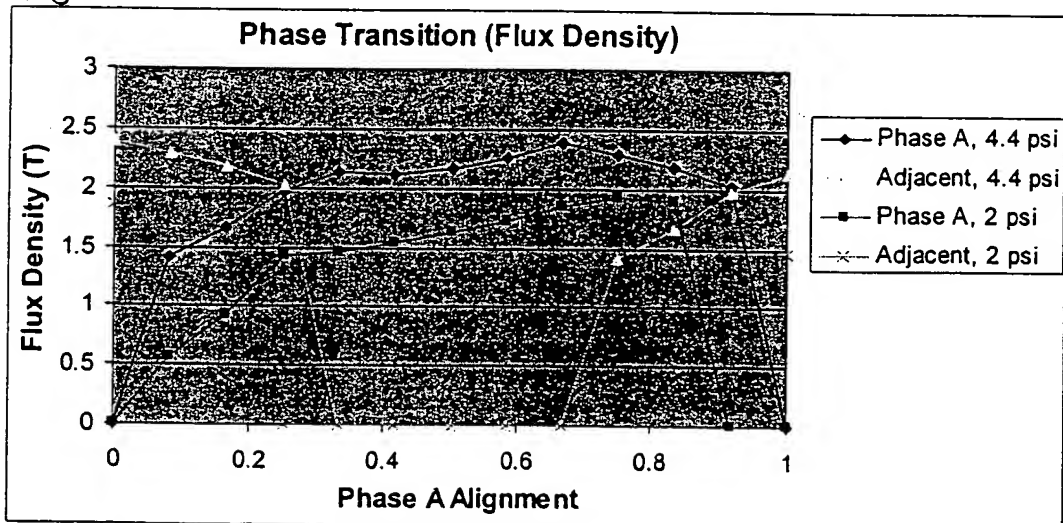


Fig. 9: 3-Phase Flux-Density Transition For Minimum Resistive Dissipation

Fig 26

12 F22

~~29206-103~~

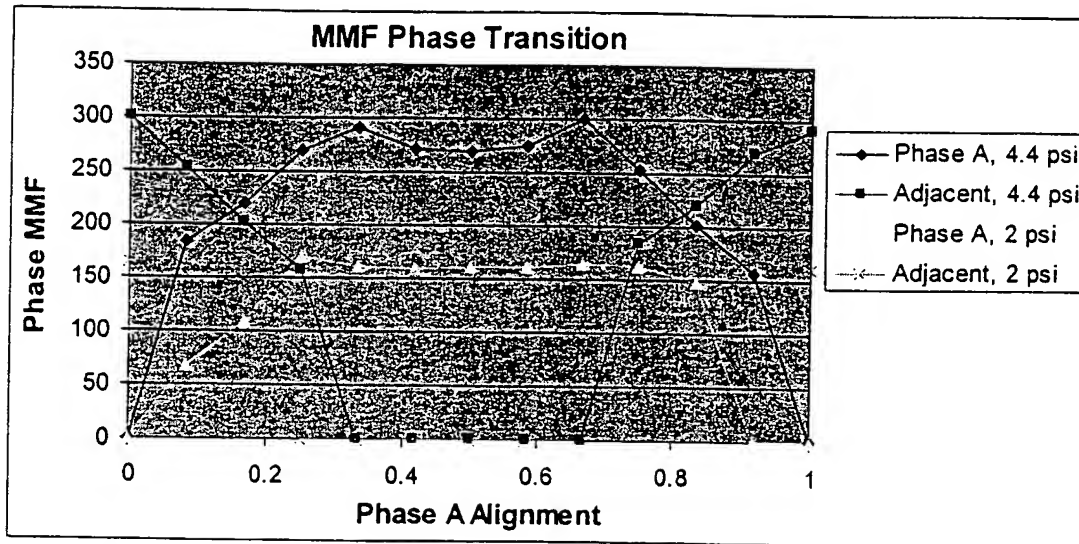
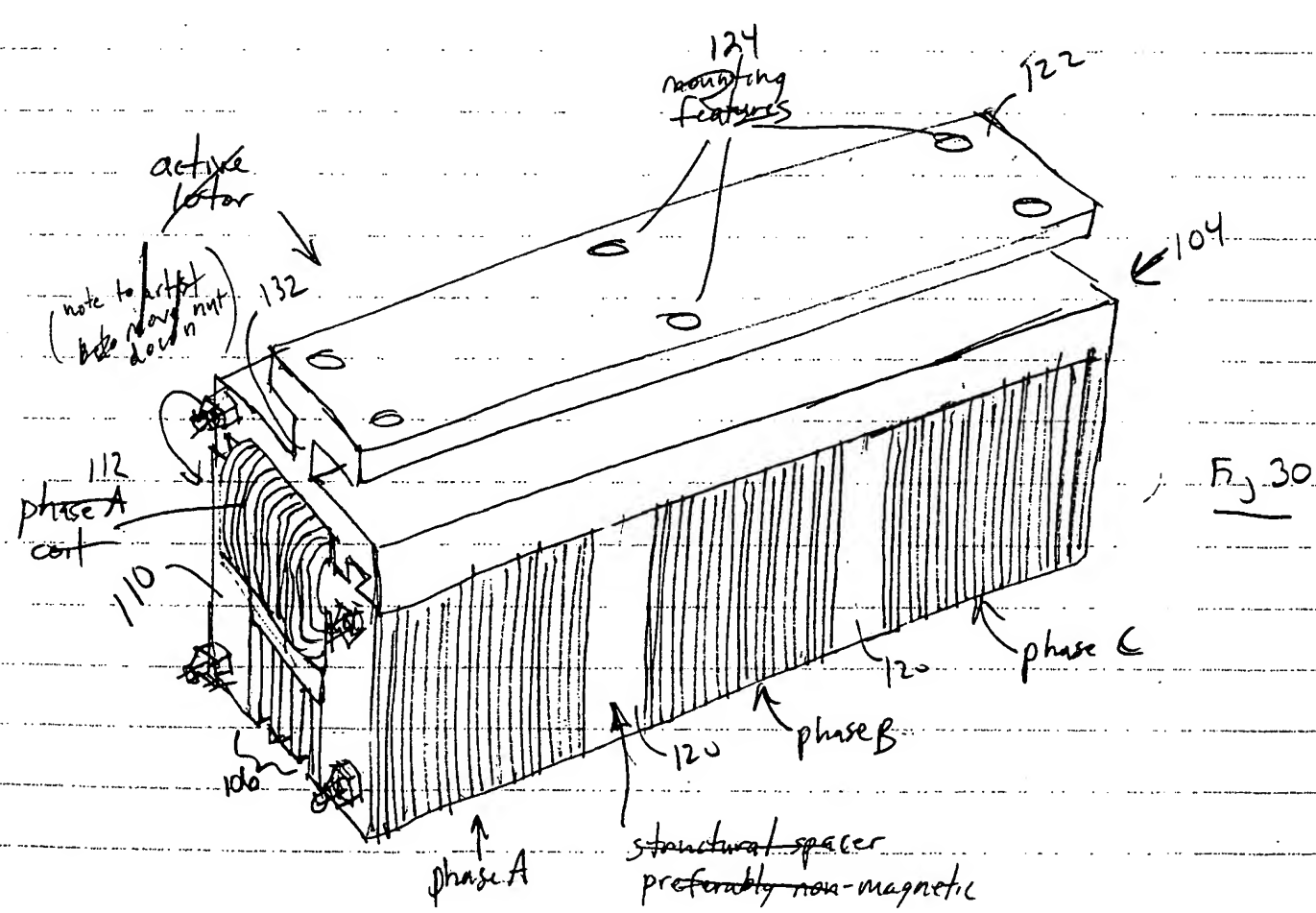
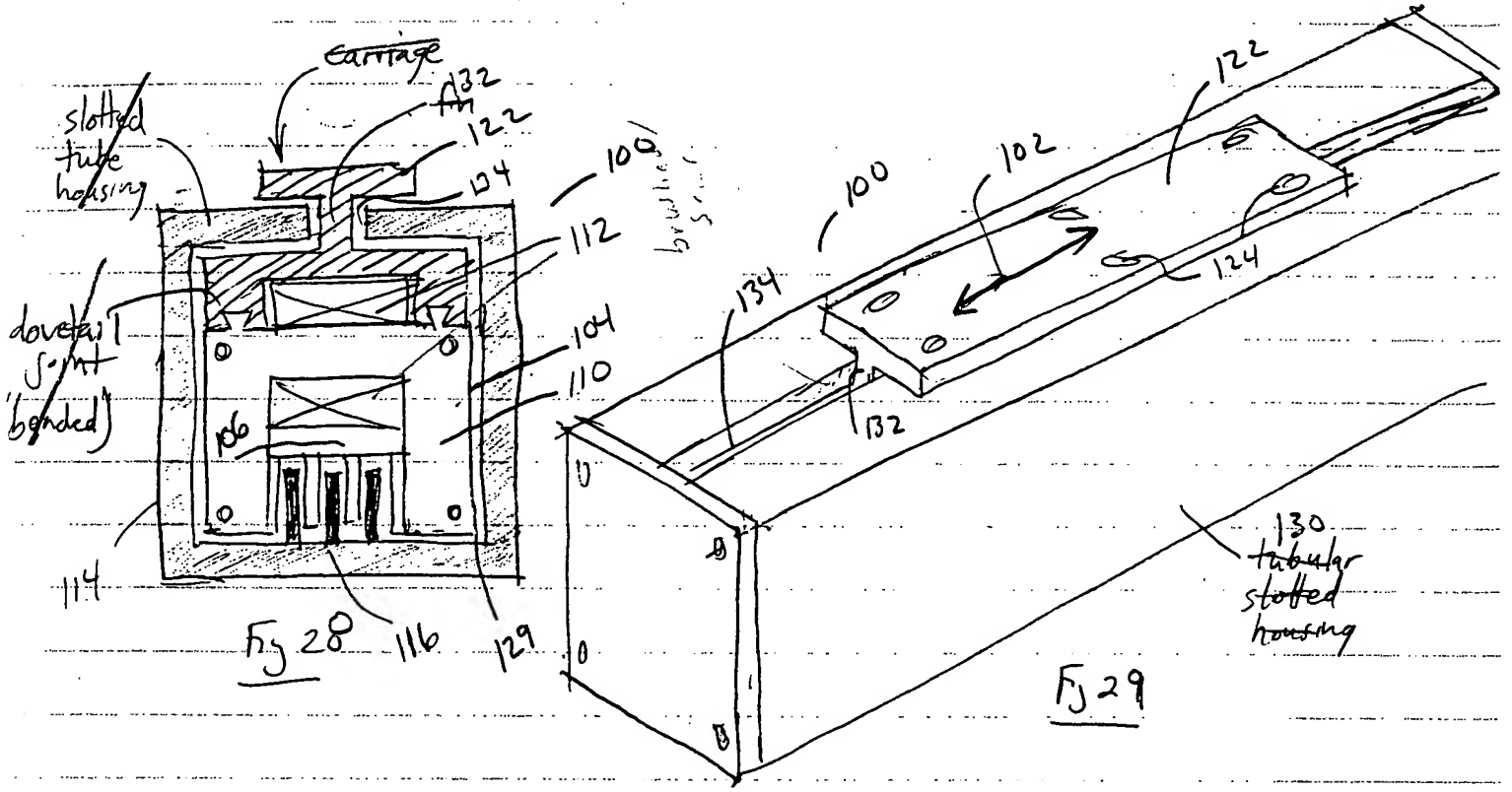


Fig. 10: 3-Phase MMF Transition For Minimum Resistive Dissipation

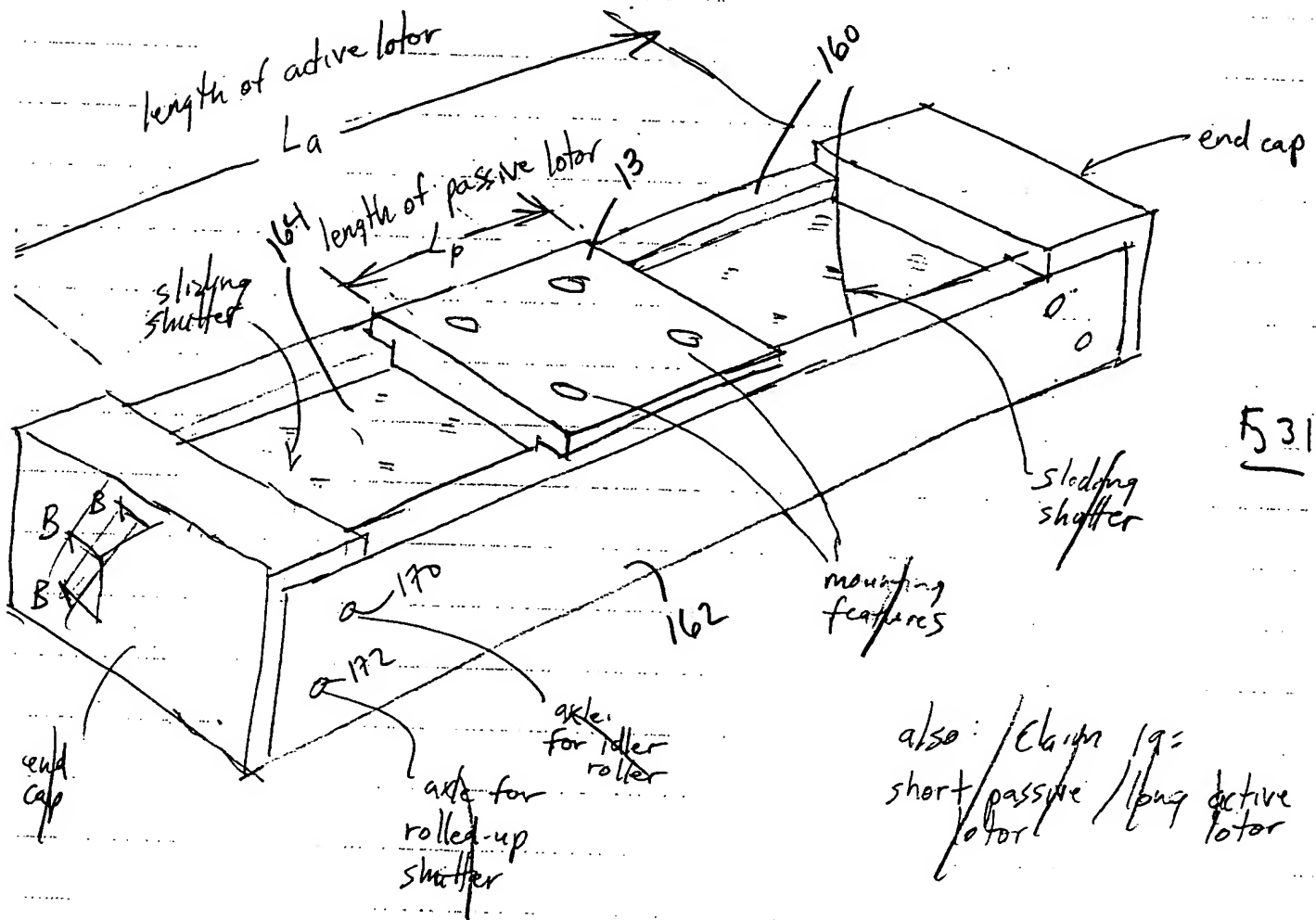
F 27

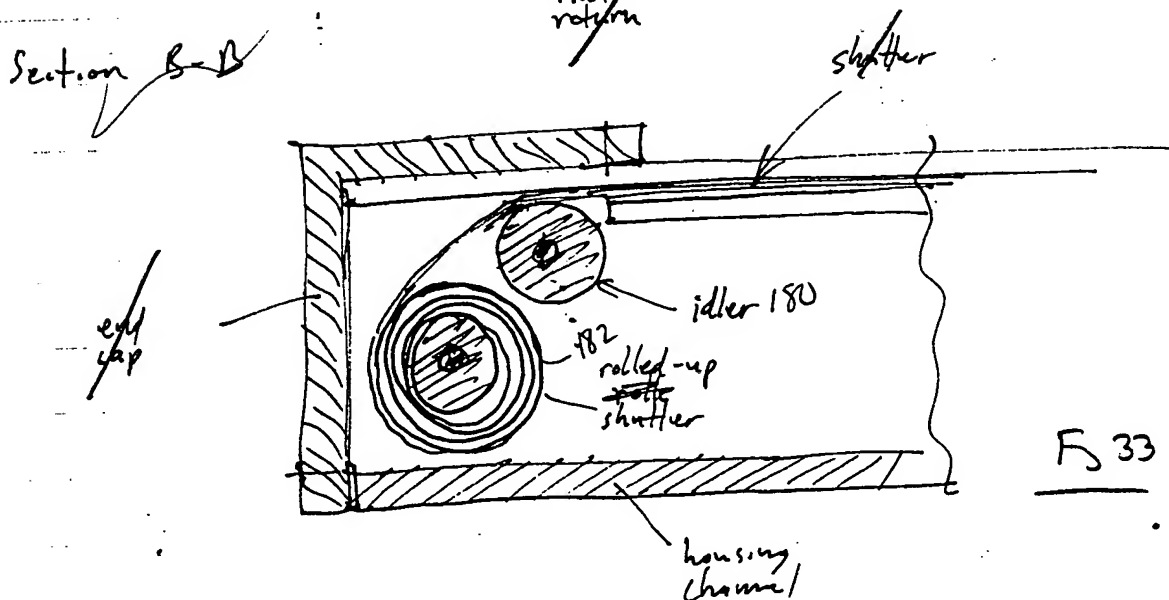
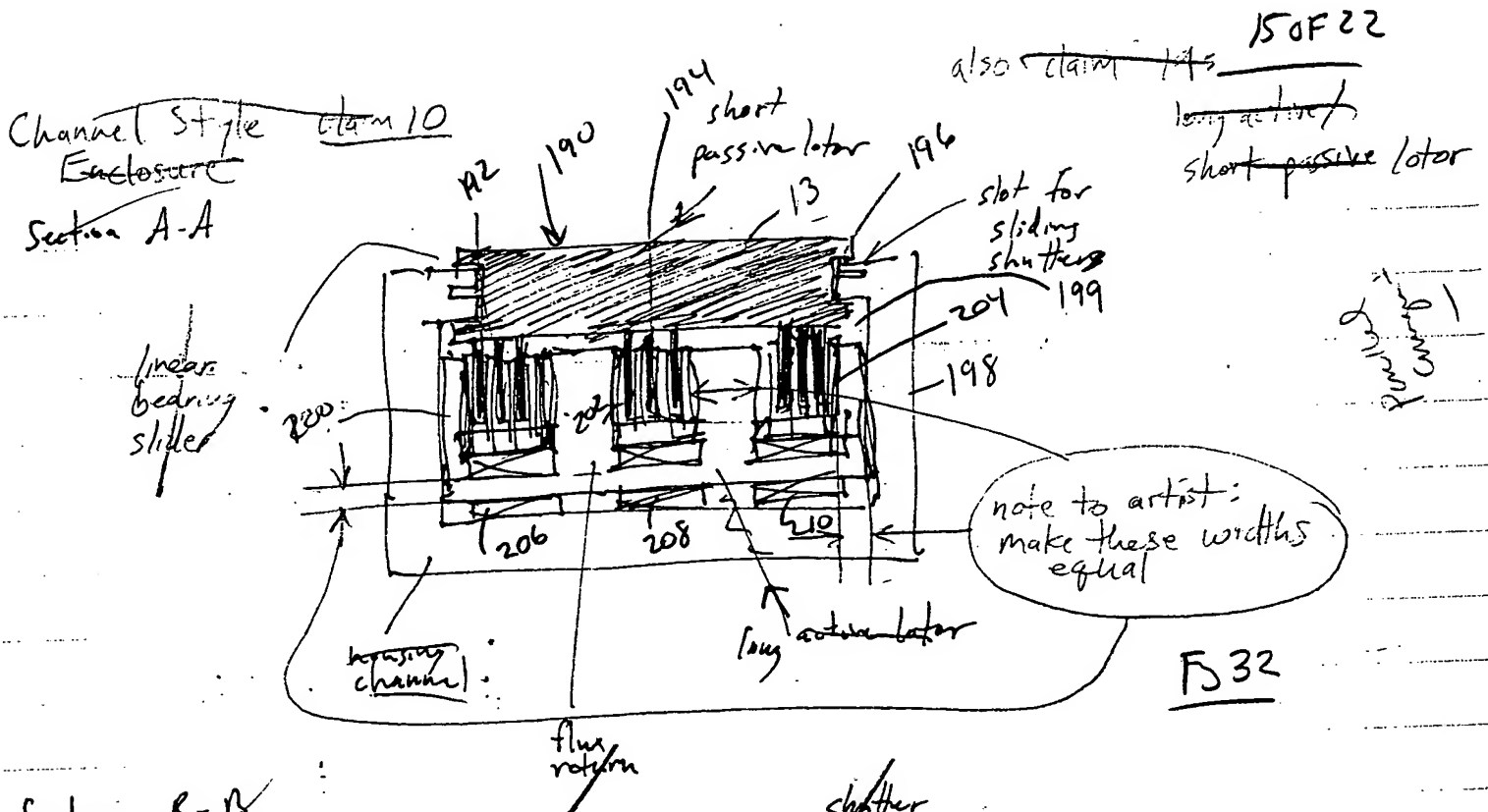
BOF22  
 ed phases



14 of 22

Claim 10: Channel Style enclosure







16 OF 22

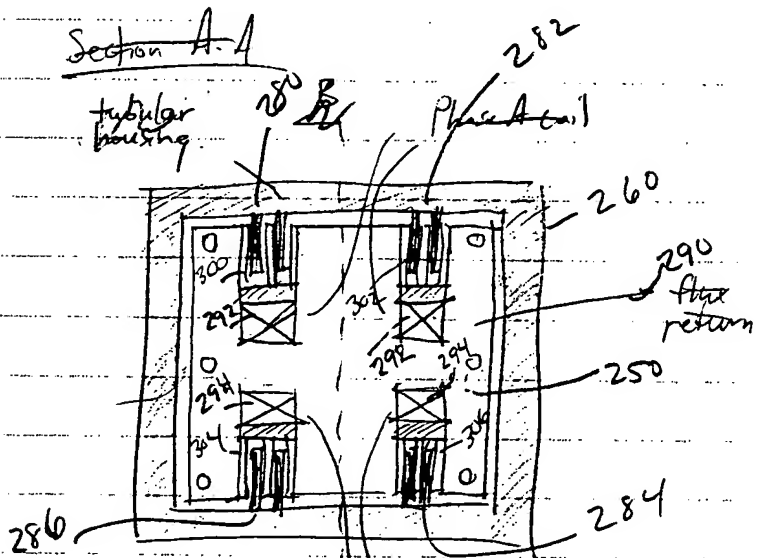
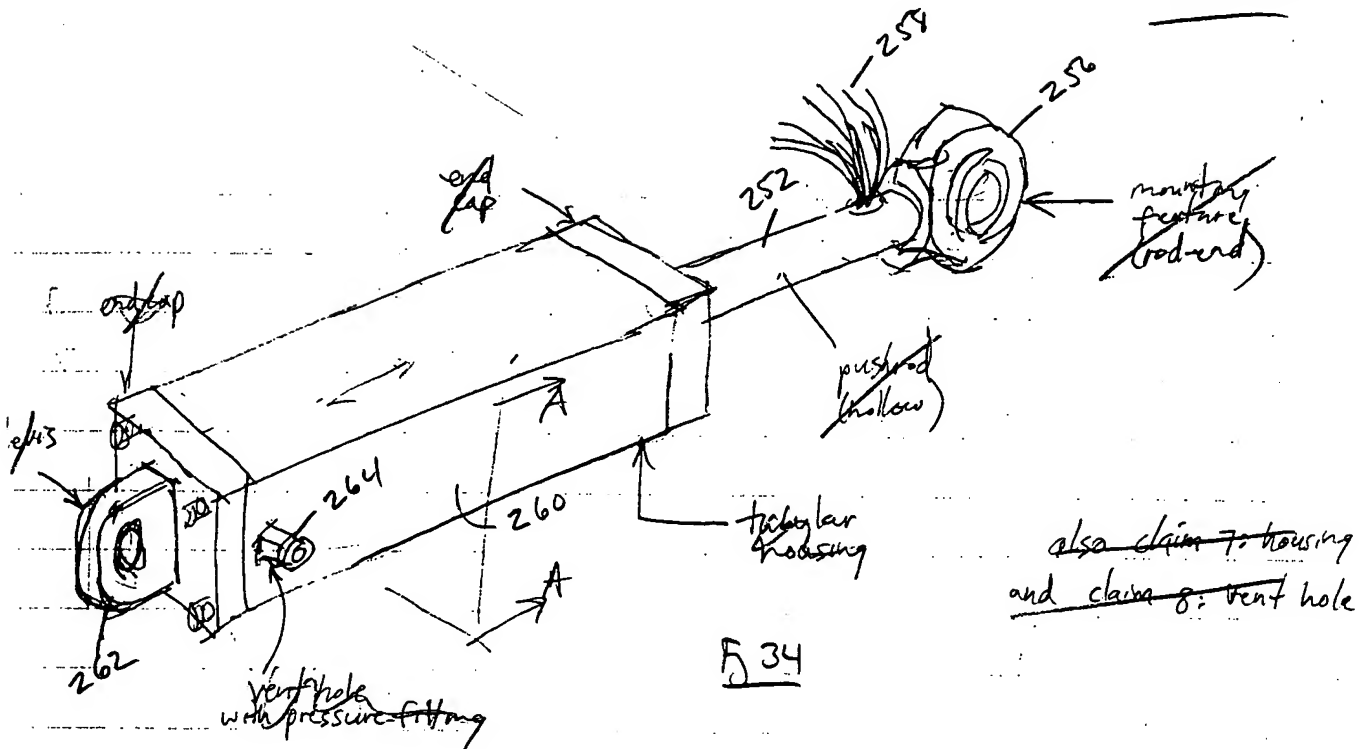
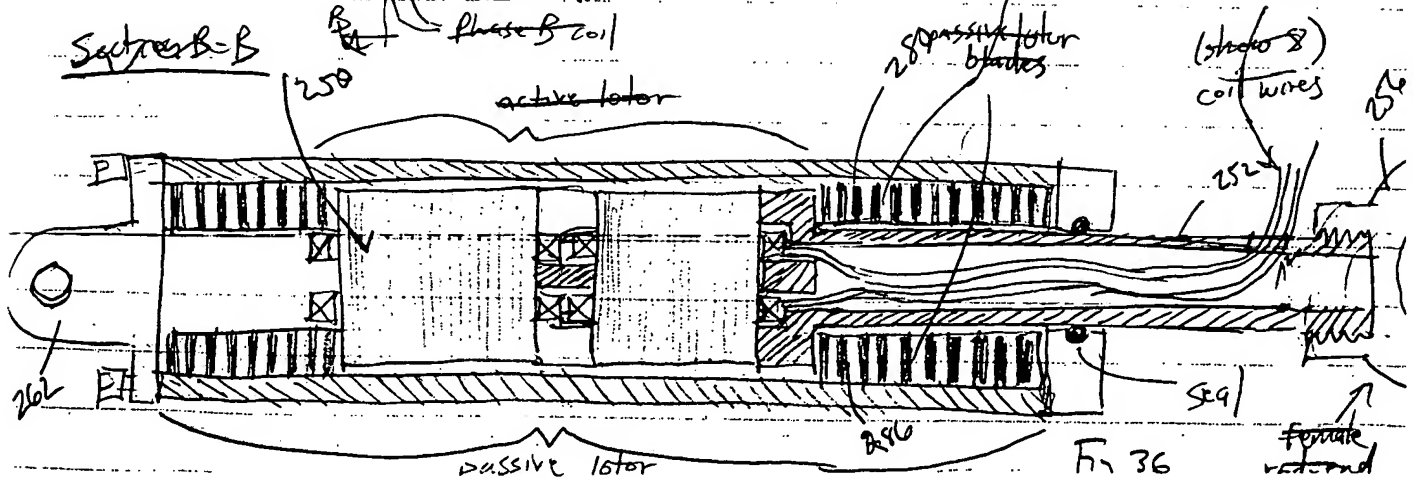


Fig. 35

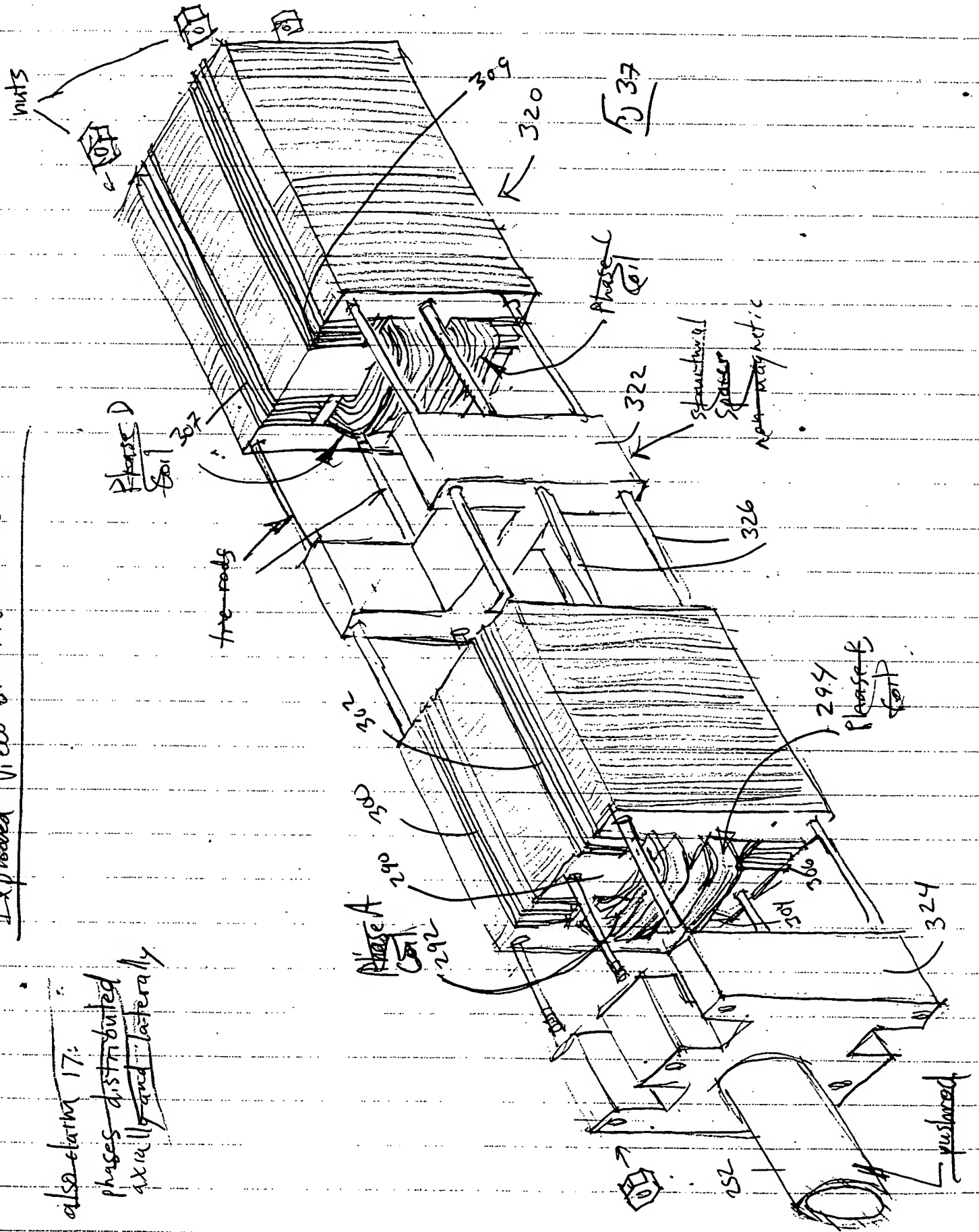


Claim 11: One or more postcards

## Exploited View of Active Labor

also claim 17:

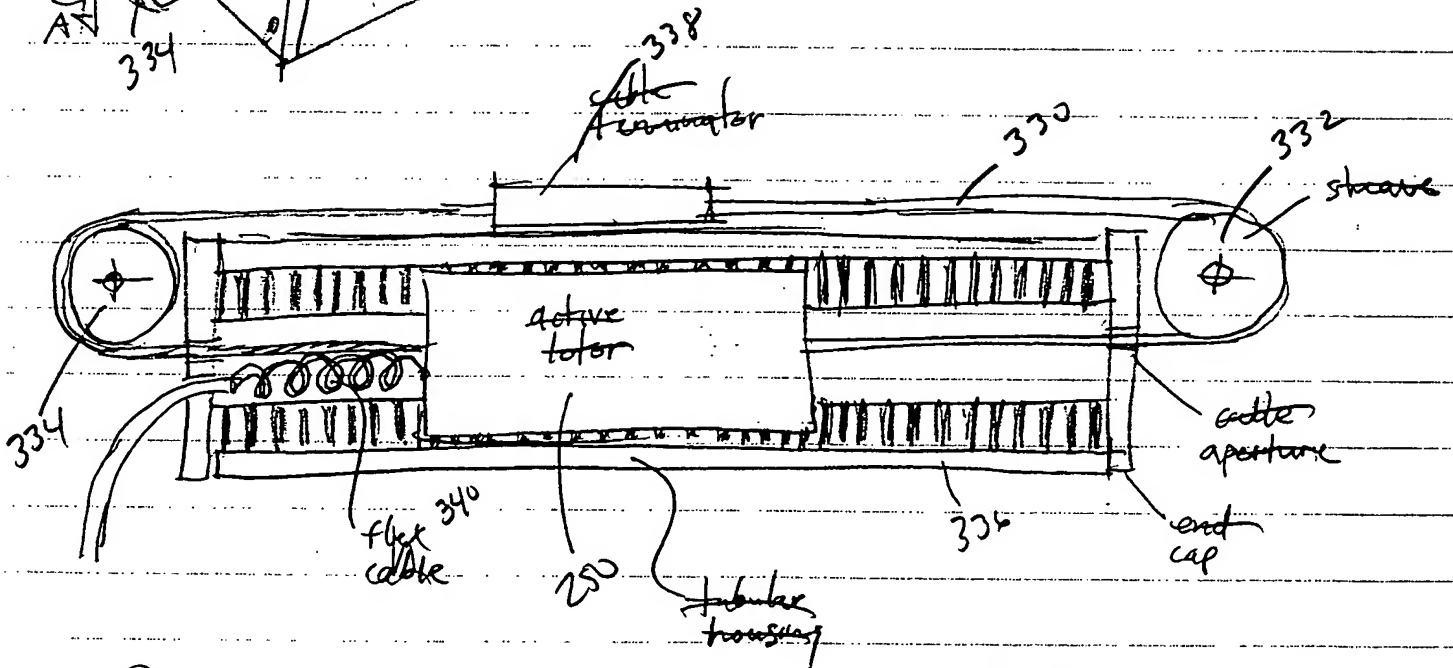
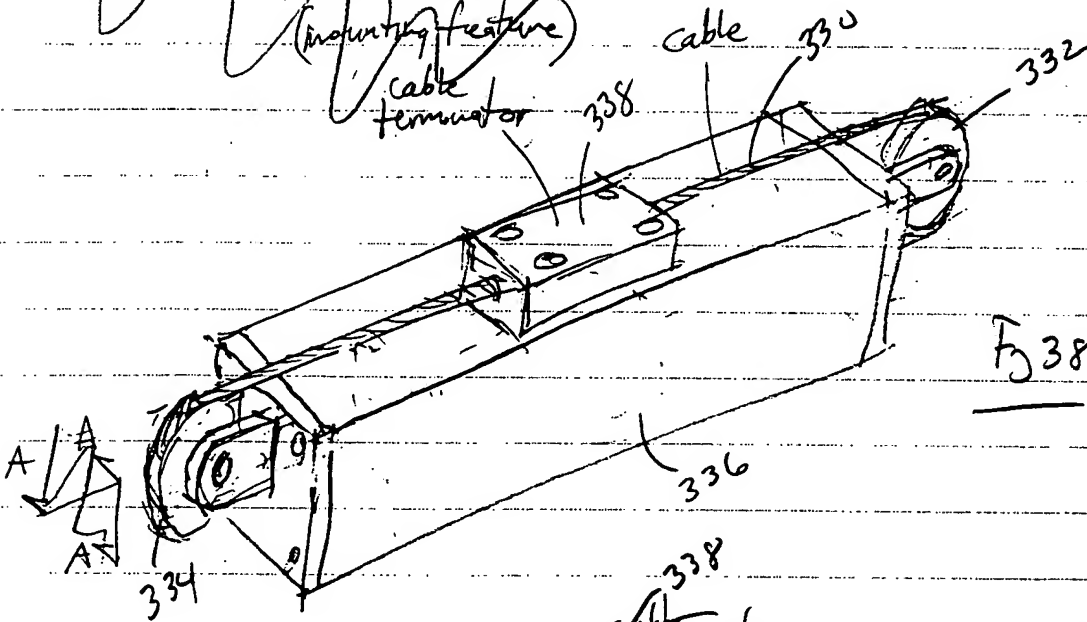
phases distributed axially and laterally



180F27

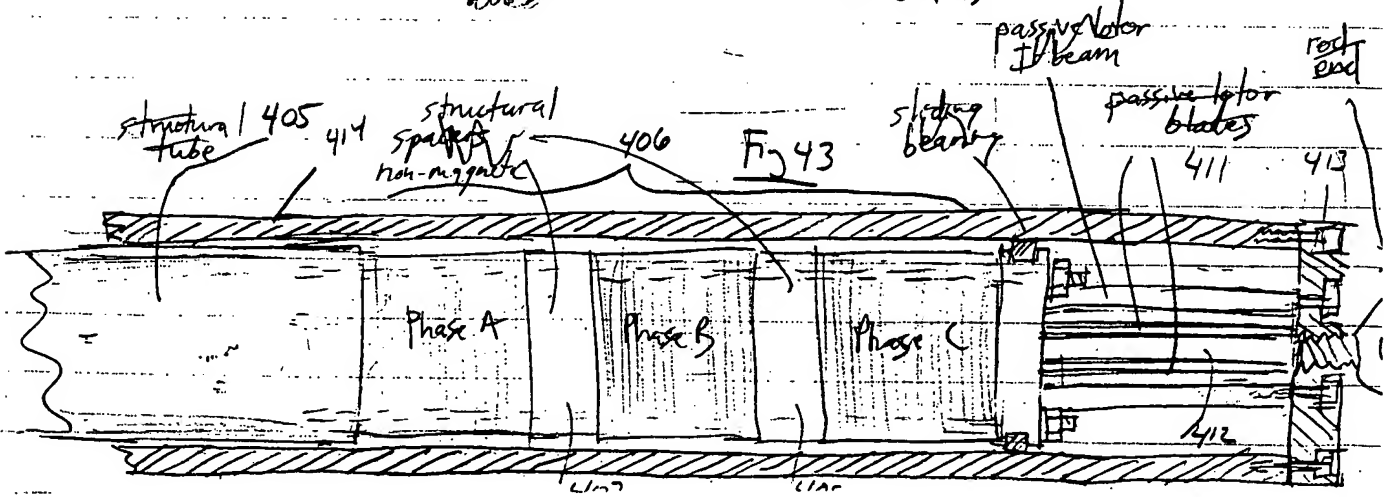
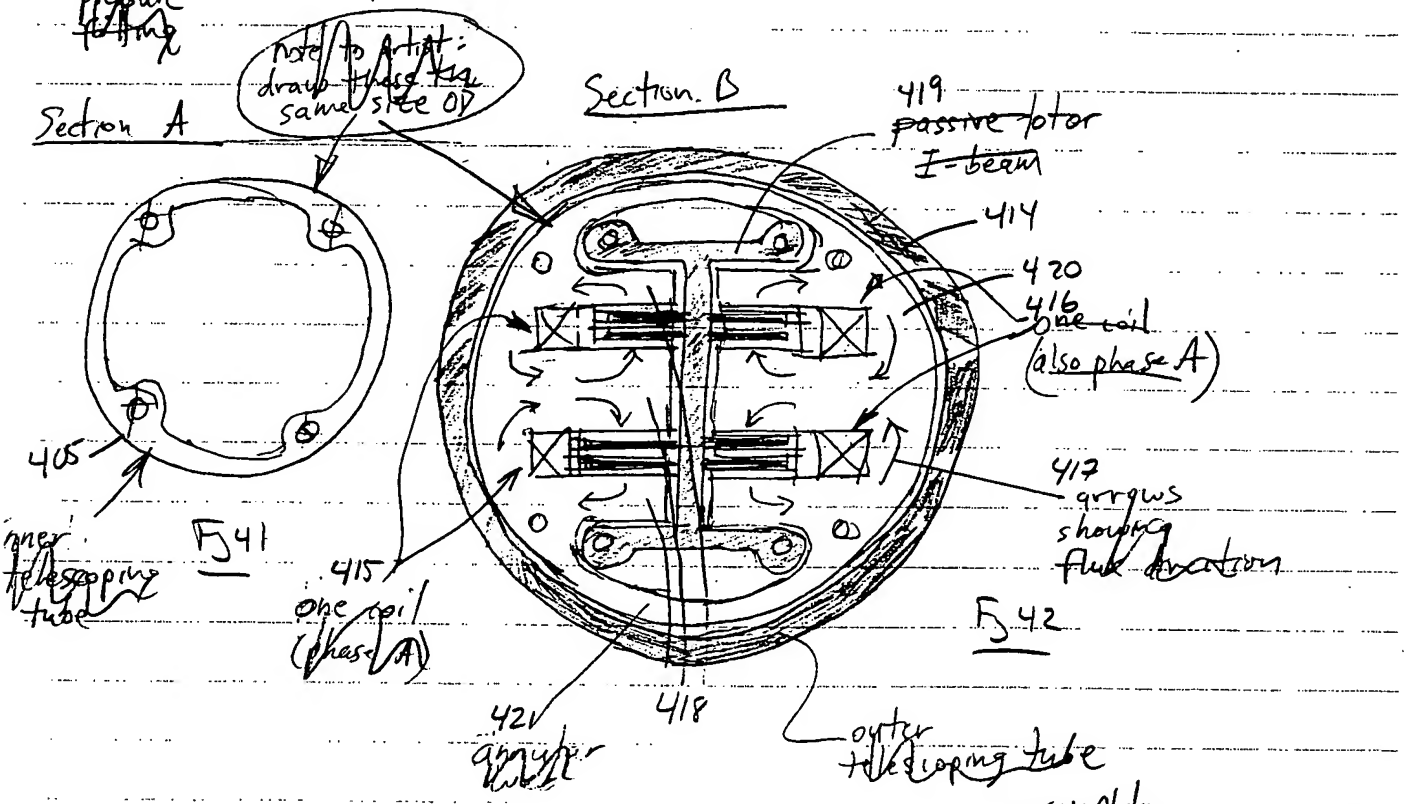
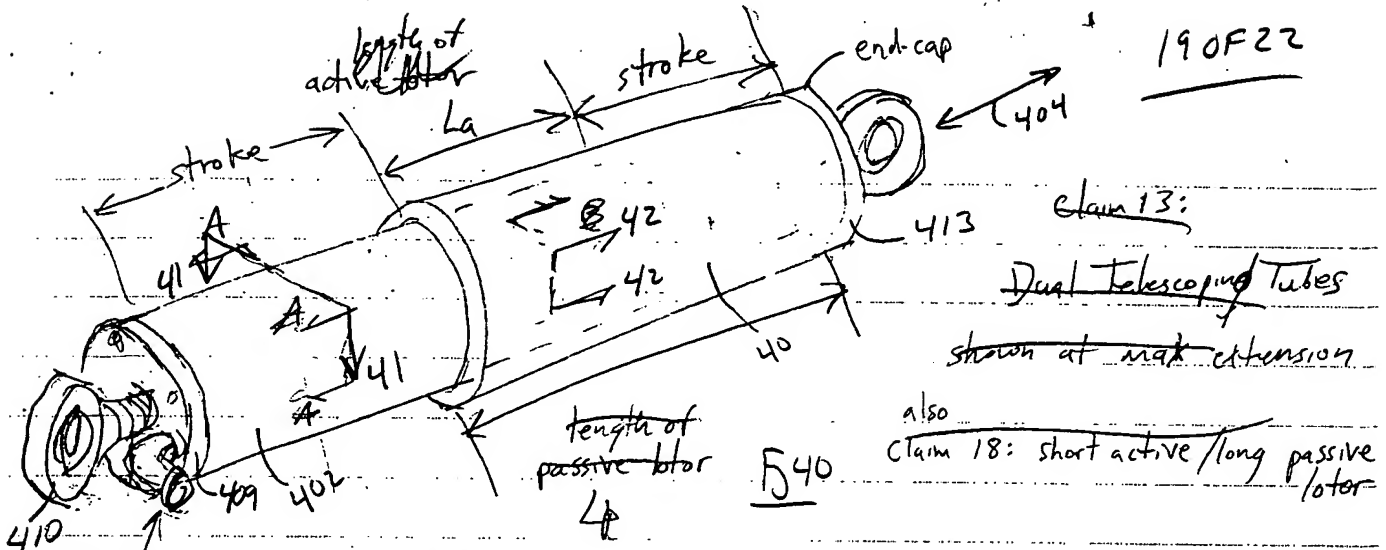
claim 12: Motor housing with tension-connection  
 (mounting feature)  
 cable terminator 338

also, claim 32:  
 extensible conductors



Section A-A

B.39



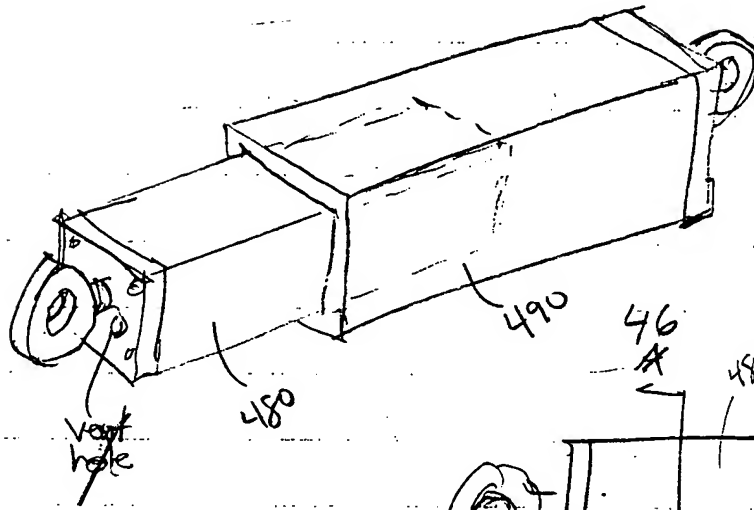
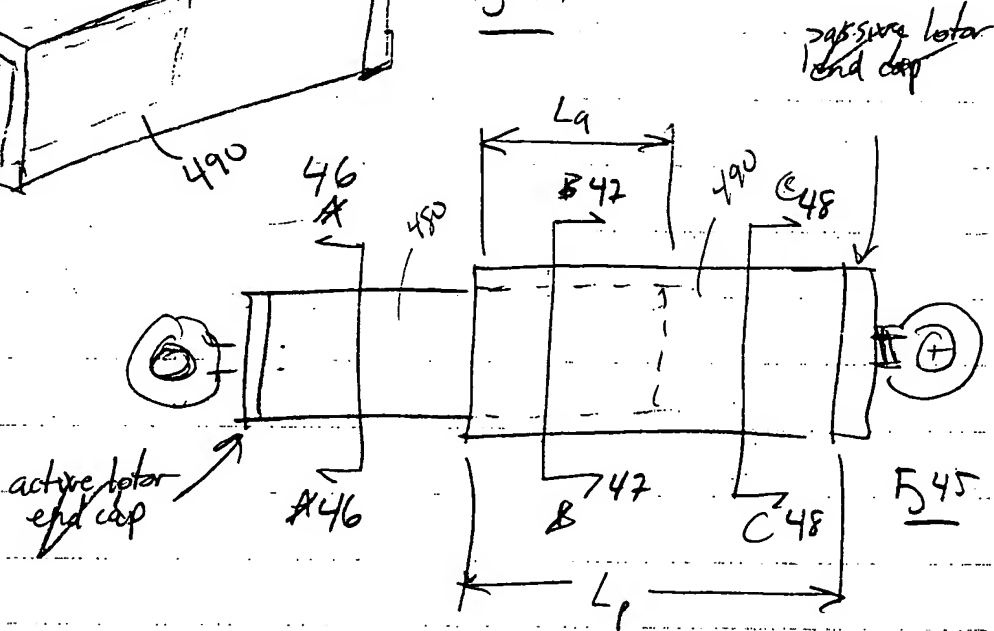
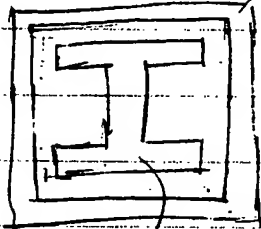


Fig 44



Section A-A

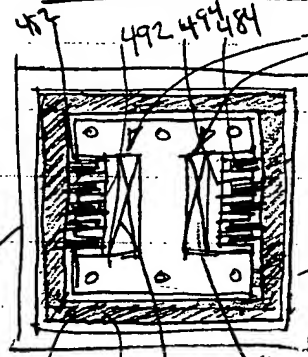


outer telescoping tube  
 attaches to  
 I-beam at  
 active rotor  
 end cap

Fig 46

490  
 structural  
 I-beam  
 supports  
 active rotor

Section B-B



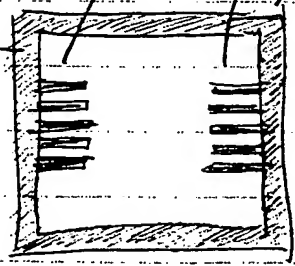
one coil  
 (phased A)

outer telescoping  
 tube (active rotor)

480  
 inner  
 telescoping  
 tube  
 (passive rotor)

Fig 47

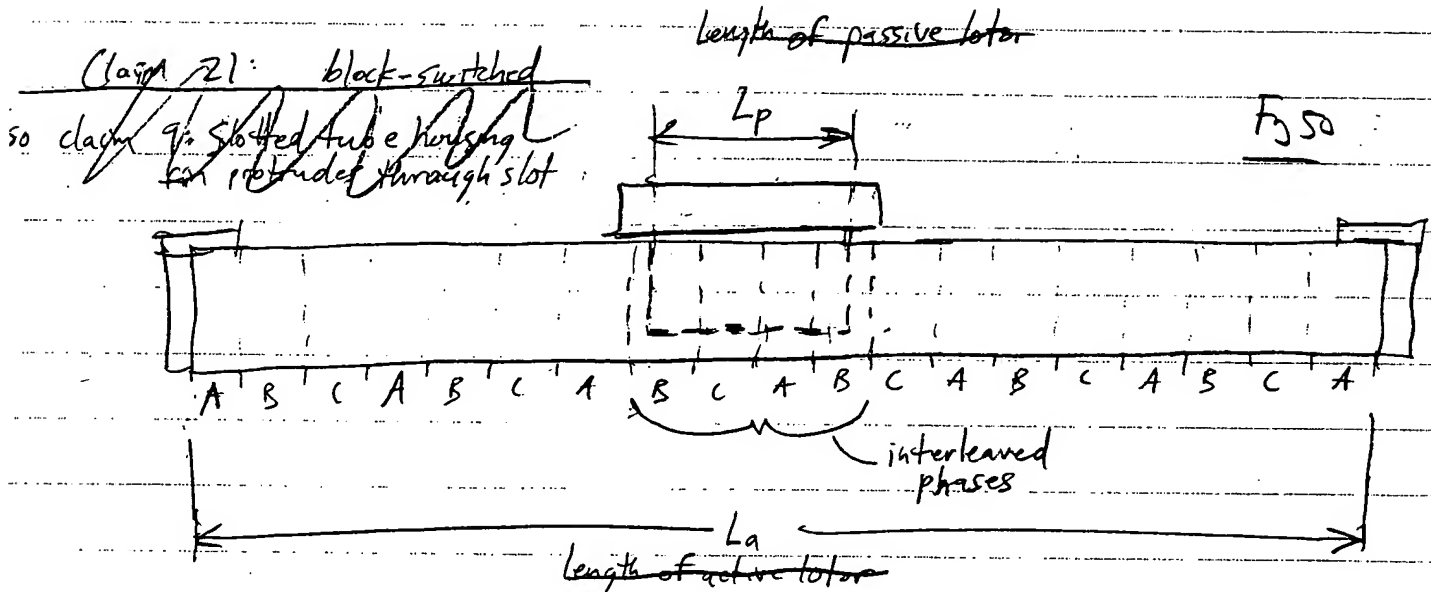
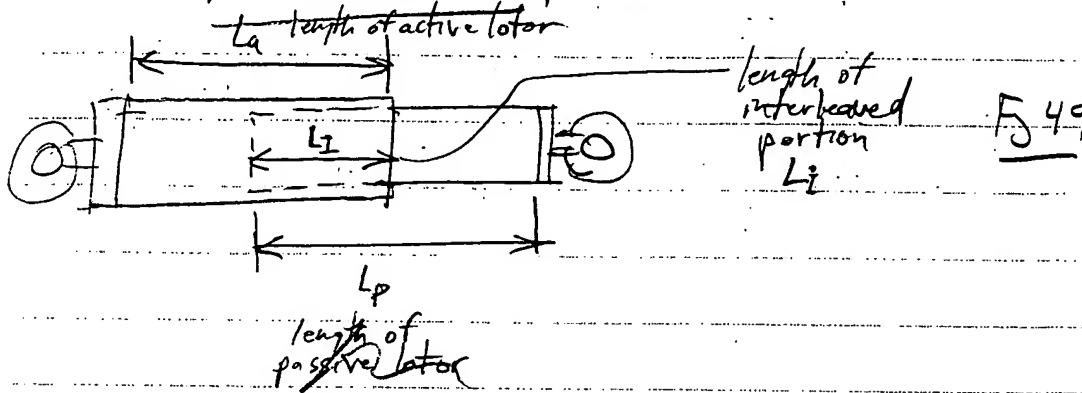
inner  
 telescoping  
 tube



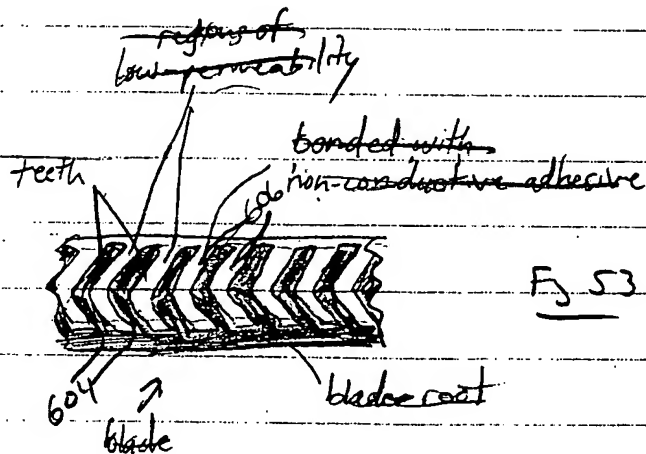
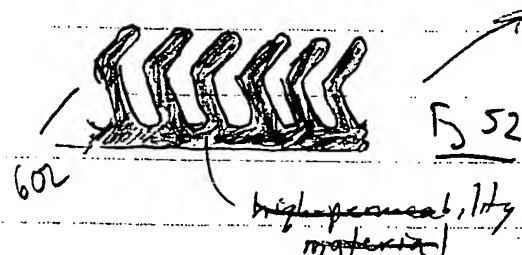
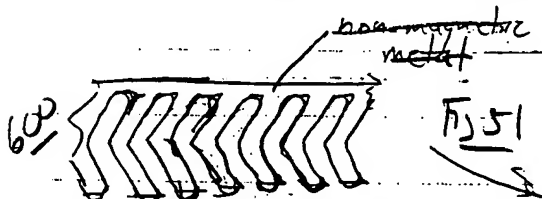
passive  
 rotor

Fig 48

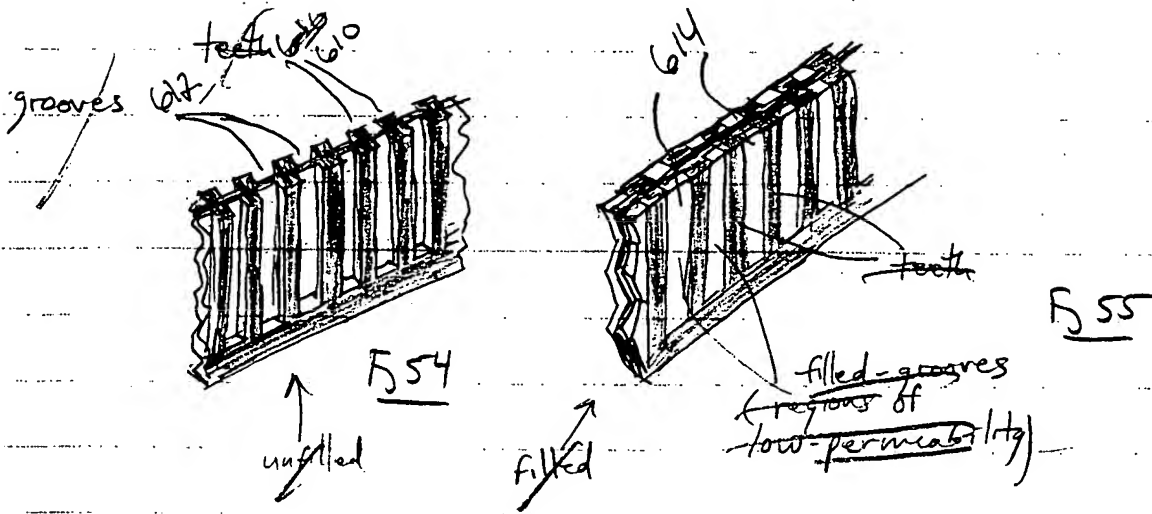
Claim 20: length of interleaved portion varies



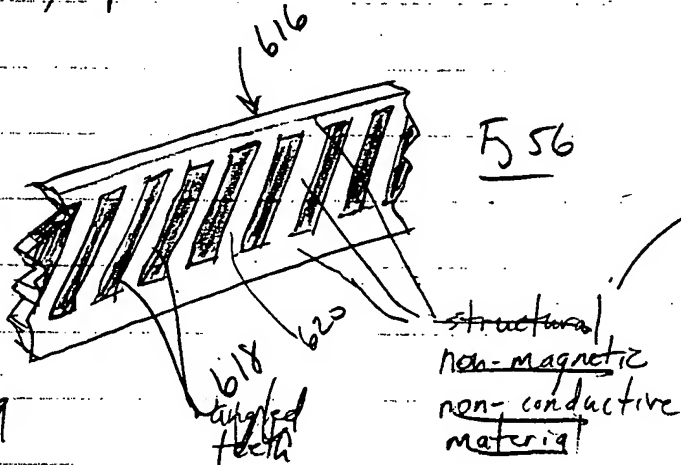
Claim 23: banded metal filter



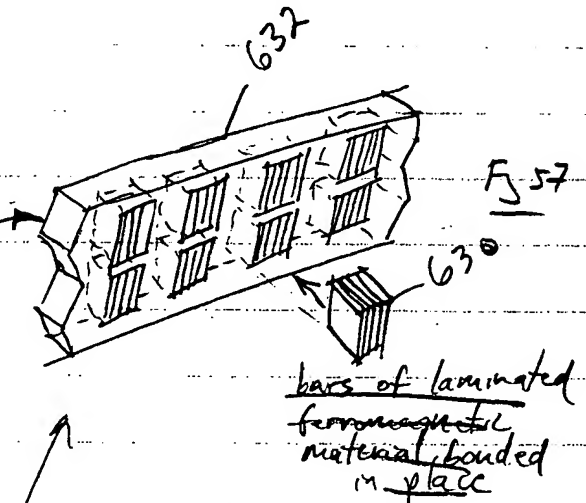
also claim 29: zig zag teeth



Claim 25: blade made from structural non-cond. low perm mat'l w/ slots of high-perm mat'l

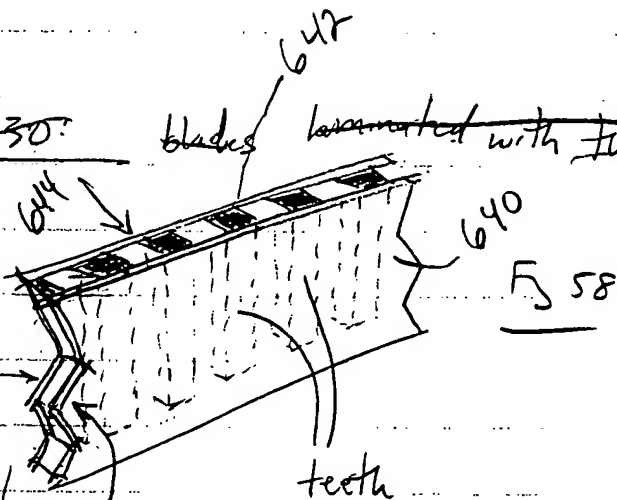


Claim 28: angled teeth



Claim 26: teeth made from laminated ferromagnetic material

Claim 30: blades laminated with thin sheet material



thin structural material